

Letters accompanying publications number thirty-one and indicate in great part the number received through the International Exchange.

The demand for missing parts of our publications has been less during the past year than formerly, indicating the greater degree of safety in mail transmission. These deficiencies we have in every instance endeavored to supply.

During the year eight correspondents have been elected and notifications sent. Acceptances have been received from nearly all.

Formal notifications of the death of four correspondents have been received.

With this, my fourteenth annual report, my official connection with the Academy in this position ceases. In conclusion I desire to return my thanks for the compliment paid me in the repeated elections, which have made my service so long.

Respectfully submitted,

GEORGE H. HORN, M. D.,

Corresponding Secretary.

REPORT OF THE LIBRARIAN.

The Librarian respectfully reports that the number of additions to the library of the Academy during the twelve months ending Nov. 30, 1890 amounts to 4179; composed of 424 volumes, 3651 pamphlets and parts of periodicals and 104 maps, engravings, photographs, etc.

They were received from the following sources:—

Societies,	1663	Geological Survey of Canada,	3
I. V. Williamson Fund,	392	Indian Museum,	3
Editors,	845	Geological Survey of Minnesota,	3
Authors,	171	Geological Survey of Pennsylvania,	3
Special Appropriation,	114	U. S. War Department,	3
Roberts Le Bouillier,	79	Geological Survey of New Jersey,	3
Wilson Fund,	42	Geological Survey of Kentucky,	2
Geological Survey of Sweden,	38	H. B. M. Government,	2
Thomas Meehan,	36	Wm. W. Jefferis,	2
Chas. P. Perot,	25	Australian Museum,	2
Stephen Parrish,	23	Geological Survey of Brazil,	2
U. S. Department of Agriculture,	23	Isaac Norris,	2
U. S. Department of the Interior,	23	U. S. Fish Commission,	1
Geological Survey of Russia,	17	Geological Survey of Roumania,	1

U. S. Department of State, . . .	16	Department of Mines N. S. W., . . .	1
Reuben Haines,	15	W. G. Thompson,	1
Kew Gardens,	13	Niagara Commission,	1
Geological Survey of India, . . .	12	E. Indian Government,	1
J. H. Redfield,	11	Department of Mines, Nova Scotia, . . .	1
James N. Stone,	10	Capt. L. de Saldanha de Gama, . . .	1
British Museum,	9	Dr. Jos. Leidy,	1
U. S. Treasury Department, . . .	7	Geological Survey of Missouri, . . .	1
Geological Survey of New South Wales,	6	Geological Survey of Texas, . . .	1
Prof. Angelo Heilprin,	6	California State Mining Bureau, . . .	1
H. A. Pilsbry,	6	Norwegian Government,	1
Geological Survey of Finland, . .	5	Jas. M. McDonald,	1
Ministry of Public Works in France,	5	Minister of Agriculture, Toronto, . . .	1
Engineer Department U. S. A., . .	5	Dr. Henry Skinner,	1
Chas. E. Smith,	4	Government of Victoria,	1
C. M. Betts,	4	Trustees of East Indian Museum, . . .	1
Geological Survey of Portugal, . .	3	Hon. G. E. Foster,	1
		Rev. G. A. Latimer,	1
		J. M. Hartman,	1

They are classified as follows:—

Journals,	3272	Ichthyology,	15
Geology,	282	Herpetology,	14
Botany,	134	Anthropology,	10
General Natural History,	100	Physical Science,	10
Entomology,	61	Helminthology,	8
Conchology,	47	Mammalogy,	7
Ornithology,	40	Chemistry,	3
Anatomy and Physiology,	36	Geography,	3
Mineralogy,	26	Agriculture,	2
Encyclopedias,	24	Medicine,	1
Bibliography,	20	Languages,	1
Voyages and Travels,	17	Miscellaneous,	46

The most important additions as heretofore have been obtained from corresponding societies and by means of the I. V. Williamson Library Fund.

The subject catalogues of the departments of the library in most general use, have been completed and the cards arranged alphabetically in the drawers provided for them. The books and pamphlets on Physical Science, Chemistry, Geography, Agriculture and Medicine only remain to be catalogued and the entire work, it is hoped, will be finished early in the spring.

Two hundred and two volumes have been bound since last report.

For the satisfactory progress on the subject catalogue which I am able to report, I am indebted to the efficient assistance of Mr. E. Fronani while to Mr. Wm. J. Fox acknowledgment is due for satisfactory aid in the current work of the year.

The Academy is indebted to Mr. S. Raymond Roberts for a fine crayon portrait, properly framed, of the late Geo. W. Tryon, Jr. whose long continued services to the society richly merit such a memorial.

Respectfully submitted,

EDW. J. NOLAN,

Librarian.

REPORT OF THE CURATORS.

The Curators present the following statement of the Curator-in-Charge as their report for the year 1890:—

The Curator-in-Charge respectfully reports that the collections of the Academy, in so far as their state of preservation is concerned, are in a satisfactory condition, probably more so than at any previous time in the past decade. But if satisfactory in this important respect, they suffer largely and increasingly through lack of room for their proper display. The additions to the Museum, since the occupancy by the Academy of its present building, have been so numerous and so varied that they have far outstripped the possibilities of location, and to-day it is no longer permitted to carry out that system of orderly classification and arrangement which is a necessity with every large museum of natural history. The steady growth of the collections is an encouraging sign of the increased attention that is given to the study of the natural sciences, and it cannot but be a satisfaction to all friends of the Academy, and a matter of just pride to the citizens of Philadelphia, that the institution which was the first one founded in this country for the exclusive purpose of furthering a knowledge of nature, has been able, after an existence of three-quarters of a century, to still claim the first place in the appreciation of students. That it will continue to hold its own, is amply indicated by the numerous benefits which its patrons and friends generously bestow upon it; but whether the Academy will be able to adequately respond to these benefits, will depend largely upon the helping hand which, it is hoped, an appreciative public will extend to it.

The Academy is to-day laboring to increase the capacity of its domicile. The grant of \$50,000 made by the Legislature of the State during the session of 1889, has permitted it to definitely realize a scheme of enlargement, which, when fully carried into ex-